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APPLICATION NO. FILING DATE		FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/605,727	10/605,727 10/22/2003		Bruce B. Doris	FIS920030256US1	2726	
29371	7590	03/23/2005		EXAM	EXAMINER	
		URN LLP	PICARDAT, KEVIN M			
55 GRIFFIN ROAD SOUTH BLOOMFIELD, CT 06002				ART UNIT	PAPER NUMBER	
•	ĺ			2822		
				DATE MAILED: 03/23/2005		

Please find below and/or attached an Office communication concerning this application or proceeding.

		Applic	ation No.	Applicant(s)					
Office Action Summary			5,727	DORIS ET AL.					
			ner	Art Unit					
	•	Kevin N	И. Picardat	2822					
	The MAILING DATE of this commu	nication appears on	the cover sheet with the c	correspondence address					
Period for	• •								
THE - External control	MORTENED STATUTORY PERIOD I MAILING DATE OF THIS COMMUN ensions of time may be available under the provision of SIX (6) MONTHS from the mailing date of this corn e period for reply specified above is less than thirty of the period for reply is specified above, the maximum is ure to reply within the set or extended period for reply reply received by the Office later than three months and patent term adjustment. See 37 CFR 1.704(b).	NICATION. as of 37 CFR 1.136(a). In no munication. (30) days, a reply within the statutory period will apply an by will, by statute, cause the	event, however, may a reply be tin statutory minimum of thirty (30) day d will expire SIX (6) MONTHS from application to become ABANDONE	nety filed s will be considered timely. the mailing date of this communication. D (35 U.S.C. § 133).					
Status			•						
1)[\]	Responsive to communication(s) fi	led on 22 October 2	003.						
2a)□	This action is FINAL . 2b)⊠ This action is non-final.								
3)	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is								
,	closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.								
Disposit	tion of Claims								
4)🖂	Claim(s) <u>1-23</u> is/are pending in the application.								
,—	4a) Of the above claim(s) is/are withdrawn from consideration.								
5)□	Claim(s) is/are allowed.								
6)🖂	· /								
7)	Claim(s) is/are objected to.								
8)□	Claim(s) are subject to restr	Claim(s) are subject to restriction and/or election requirement.							
Applicat	tion Papers								
9)[The specification is objected to by t	he Examiner.							
10)⊠	☑ The drawing(s) filed on <u>22 October 2003</u> is/are: a)☑ accepted or b)☐ objected to by the Examiner.								
	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).								
	Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).								
11)	The oath or declaration is objected	to by the Examiner.	Note the attached Office	e Action or form PTO-152.					
Priority	under 35 U.S.C. § 119		•						
,	Acknowledgment is made of a claim All b) Some * c) None of: 1. Certified copies of the priority 2. Certified copies of the priority 3. Certified copies of the priority	y documents have by documents have b	neen received. Deen received in Applicat	ion No					
	 Copies of the certified copies application from the Internation 	• •		eu iri uiis ivauonai Stage					
* :	application from the internati See the attached detailed Office acti	•	* **	-d					
·	ood and discovered detailed office desi	Sirioi a not or the or	5ou 00pi00 110t 100011t						
Attachmer	nt(s)		•						
1) 🔯 Notic	ce of References Cited (PTO-892)	•	4) Interview Summary						
2) 🔲 Noti	ce of Draftsperson's Patent Drawing Review (Paper No(s)/Mail D	ate Patent Application (PTO-152)					
	rmation Disclosure Statement(s) (PTO-1449 o er No(s)/Mail Date <u>10-22-03</u> .	or PTO/SB/08)	6) Other:	atont Application (FTO-192)					

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DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-23 are rejected under 35 U.S.C. 102(e) as being anticipated by lkeda US 6,492,220.

Ikeda discloses a STI and method of making including forming a hardmask made of oxide (2) and nitride (3), forming a trench (5) in the substrate, filling the trench with an insulative material (6), implanting boron ions into the insulative material (fig 4F) and annealing, and wherein the materials and processes disclose cover the scope of those claimed.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin M. Picardat whose telephone number is 571-272-1841. The examiner can normally be reached on Monday-Thursday 7:00-5:30.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Amir Zarabian can be reached on 571-272-1852. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kevin M. Picardat Primary Examiner Art Unit 2822